



Docket No.: 050103-0527

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Customer Number: 49745
Chung-hee CHANG, et al. : Confirmation Number: 3980
Application No.: 10/663,698 : Group Art Unit: 1762
Filed: September 17, 2003 : Examiner: Chen, Bret P.

For: IN-SITU POST-DEPOSITION OXIDATION TREATMENT FOR IMPROVED MAGNETIC RECORDING MEDIA

POWER OF ATTORNEY BY ASSIGNEE

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

SEAGATE TECHNOLOGY LLC, assignee of the above-identified application by assignment dated September 10, 2003, a copy of which is attached hereto, hereby appoints Seagate Technology LLC; and the registered practitioners of McDermott Will & Emery LLP, included in the Customer Number provided below with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

CUSTOMER NUMBER 49745

Please send all correspondence associated with Customer Number 49745 to:

John A. Hankins
McDERMOTT WILL & EMERY LLP
600 13th Street, N.W.
Washington, DC 20005-3096
Telephone: (202)756-8000

Respectfully submitted,

Dated: May 18, 2006

By:

Raghunath S. Minisandram
Name: Raghunath S. Minisandram, Esq.
Title: Sr. Director of Intellectual Property



PTO/SB/98 (6-98)

Approved for use through 09/30/2000. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Chung-hee Chang et al.

Application No./Patent No.: 10/663,698

Filed/Issue Date: September 17, 2003

Entitled: IN-SITU POST-DEPOSITION OXIDATION TREATMENT FOR IMPROVED MAGNETIC RECORDING MEDIA

Seagate Technology LLC, a Limited Liability Company,
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- the assignee of the entire right, title, and interest; or
- an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

A. [x] An assignment from the inventor(s) of the patent application/patent above. The assignment was recorded in the Patent and Trademark Office at Reel 014496, Frame 0405, or for which a copy thereof is attached.

OR

B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

[] Additional documents in the chain of title are listed on a supplemental sheet.

[] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

May 18, 2006
Date

Raghunath S. Minisandram
Signature

Raghunath S. Minisandram, Esq.
Typed or printed name

Sr. Director of Intellectual Property
Title



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APRIL 13, 2004

PTAS



102595658A

MCDERMOTT, WILL & EMERY
AARON WEISSTUCH
600 13TH STREET, N.W.
WASHINGTON, D.C. 20005-3096

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/17/2003

REEL/FRAME: 014496/0405

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CHANG, CHUNG-HEE

DOC DATE: 09/10/2003

ASSIGNOR:

BRUCKER, CHARLES F.

DOC DATE: 09/10/2003

ASSIGNEE:

SEAGATE TECHNOLOGY LLC
920 DISC DRIVE
P.O. BOX 66360
SCOTTS VALLEY, CALIFORNIA
95067-
0360

SERIAL NUMBER: 10663698

FILING DATE: 09/17/2003

PATENT NUMBER:

ISSUE DATE:

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McDERMOTT, WILL & EMERY

014496/0405 PAGE 2

ANTIONE ROYALL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

09-17-2003

09-17-03



FORM PTO-1595 (Rev. 10/02)		RECORDATION FORM COVE	102595658	U.S. Patent and Trademark Office
Docket No.: 50103-527		PATENTS ONLY		
To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:				
1. Name of Conveying Party(ies): Chung-Hee CHANG; Charles F. BRUCKER		2. Name and address of receiving party(ies): Name: SEAGATE TECHNOLOGY LLC Address: 920 Disc Drive P.O. Box 66360 Scotts Valley, CA 95067-0360		
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other				
Execution Date: September 10, 2003		Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
4. Application number(s) or patent number(s): If the document is being filed together with a new application, the execution date of the application is: September 10, 2003		B. Patent No(s). 10/663698		
A. Patent Application No(s).		Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: McDERMOTT, WILL & EMERY Internal Address: Street Address: 600 13th Street, N.W. City: Washington State: D.C. Zip: 20005-3096		6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41) \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 500417		
DO NOT USE THIS SPACE				
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>				
Aaron Weisstuch, 41,557				September 17, 2003
Name and Registration No. of Person Signing		Signature	Date	
		Total number of pages including cover sheet: 3		
OMB No. 0651-0027 (exp. 6/30/2005)				

22154 U.S. PTO
10/663698
09-17-03

Docket No.: 50103-527

ASSIGNMENT

WHEREAS WE, CHUNG-HEE CHANG, and CHARLES F. BRUCKER, of 46910 Fernald Common, Fremont, California 94539, and 2639 Calle Reynoso, Pleasanton, California 94566, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled IN-SITU POST-DEPOSITION OXIDATION TREATMENT FOR IMPROVED MAGNETIC RECORDING MEDIA, executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

AND WHEREAS, SEAGATE TECHNOLOGY LLC, a Limited Liability Company of the State of Delaware, and having an address of 920 Disc Drive, P. O. Box 66360, Scotts Valley, California 95067-0360 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto SEAGATE TECHNOLOGY LLC, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said SEAGATE TECHNOLOGY LLC, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date

9/10/03

Date

9/10/03

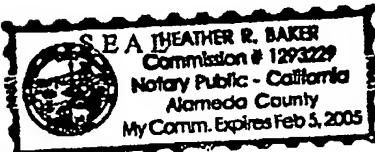
Chung-Hee Chang

C.H. Chang

Charles F. Brucker

STATE OF California)
COUNTY OF Alameda) SS:

On this 10 day of September, 2003, before me personally appeared Chung-Hee Chang, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

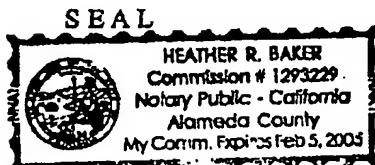


Heather R. Baker
Notary Public

My commission expires Feb 5, 2005

STATE OF California)
COUNTY OF Alameda) SS:

On this 10 day of September, 2003, before me personally appeared Charles F. Brucker, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Heather R. Baker
Notary Public

My commission expires Feb 5, 2005